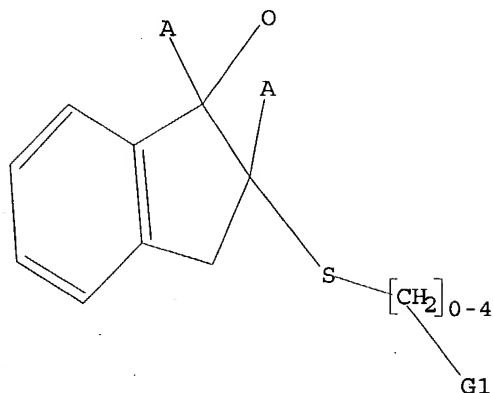


L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 Cy,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:11:33 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 988 TO ITERATE

100.0% PROCESSED 988 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 17875 TO 21645
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 14:11:37 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 19855 TO ITERATE

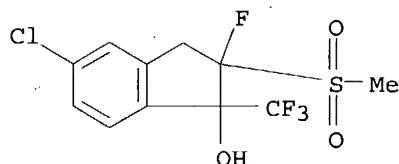
100.0% PROCESSED 19855 ITERATIONS
SEARCH TIME: 00.00.01

2 ANSWERS

L3 2 SEA SSS FUL L1

=> d 1-2

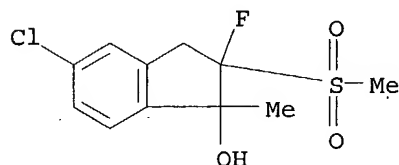
L3 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
RN 501083-94-9 REGISTRY
CN 1H-Inden-1-ol, 5-chloro-2-fluoro-2,3-dihydro-2-(methylsulfonyl)-1-(trifluoromethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C11 H9 Cl F4 O3 S
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
RN 501083-93-8 REGISTRY
CN 1H-Inden-1-ol, 5-chloro-2-fluoro-2,3-dihydro-1-methyl-2-(methylsulfonyl)-
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C11 H12 Cl F O3 S
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
158.96	159.17

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 14:12:01 ON 27 APR 2004

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FILE COVERS 1907 - 27 Apr 2004 VOL 140 ISS 18

FILE LAST UPDATED: 26 Apr 2004 (20040426/ED)

This file contains CAS Registry Numbers for easy and accurate

substance identification.

=> s 13

L4 2 L3

=> d ibib abs hitstr 1-2

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:202615 CAPLUS

DOCUMENT NUMBER: 138:237904

TITLE: Preparation of indan-1-ols as appetite depressants

INVENTOR(S): Jaehne, Gerhard; Krone, Volker; Bickel, Martin;

Gossel, Matthias

PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany

SOURCE: PCT Int. Appl., 45 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

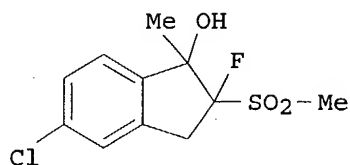
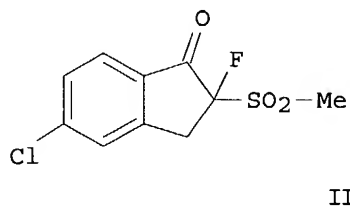
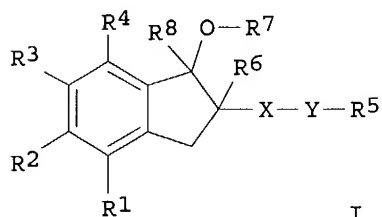
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003020693	A1	20030313	WO 2002-EP9201	20020817
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 10142661	A1	20030327	DE 2001-10142661	20010831
US 2003105145	A1	20030605	US 2002-231362	20020830
US 6670401	B2	20031230		

PRIORITY APPLN. INFO.:

DE 2001-10142661 A 20010831

OTHER SOURCE(S): MARPAT 138:237904

GI



AB Title compds. I [R1, R2, R3, R4 = H, halo, CN, etc.; X = S, SO, SO2; Y = (CH2)p; p = 0-3; R5 = alkyl, cycloalkyl, (CH2)1-6CO2H, etc.; R6 = (CH2)0-6R9, (CH2)0-6CO2H, (CH2)0-6CONH2, etc.; R7 = (CH2)0-4R12, H, alkyl, etc.; R8 = (CH2)0-4R14, alkyl, cycloalkyl, etc.; R9, R12, R14 = Ph, 1-naphthyl, 2-naphthyl, etc.] and their pharmaceutically acceptable salts were prepared For example, MeMgBr carbonyl addition to indanone II, e.g., prepared from 2-bromo-5-chloroindan-1-one in 3-steps, provided indanol III. In milk consumption studies with female NMRI mice, indanol III exhibited very good anorectic effects, i.e., 25% decrease in milk consumption verses control.

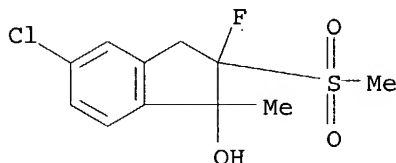
IT 501083-93-8P 501083-94-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of indanols as appetite depressants)

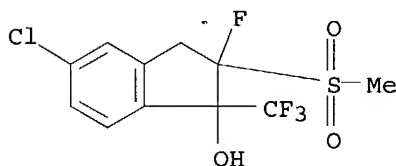
RN 501083-93-8 CAPLUS

CN 1H-Inden-1-ol, 5-chloro-2-fluoro-2,3-dihydro-1-methyl-2-(methylsulfonyl)-(9CI) (CA INDEX NAME)



RN 501083-94-9 CAPLUS

CN 1H-Inden-1-ol, 5-chloro-2-fluoro-2,3-dihydro-2-(methylsulfonyl)-1-(trifluoromethyl)-(9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:202458 CAPLUS

DOCUMENT NUMBER: 138:221359

TITLE: Preparation of indan-1-ols for producing drugs for the prophylaxis or treatment of obesity

INVENTOR(S): Jaehne, Gerhard; Krone, Volker; Bickel, Martin; Gossel, Matthias

PATENT ASSIGNEE(S): Aventis Pharma Deutschland G.m.b.H., Germany

SOURCE: PCT Int. Appl., 47 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003020255	A1	20030313	WO 2002-EP9200	20020817
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				

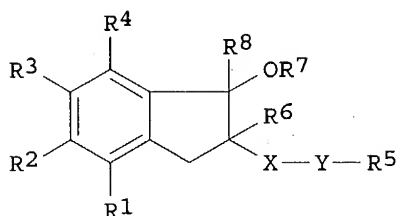
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
 NE, SN, TD, TG

DE 10142659 A1 20030320 DE 2001-10142659 20010831
 US 2003130323 A1 20030710 US 2002-230353 20020829
 US 6686397 B2 20040203

PRIORITY APPLN. INFO.: DE 2001-10142659 A 20010831

OTHER SOURCE(S): MARPAT 138:221359

GI



AB Title compds. [I; R1-R4 = H, F, Cl, Br, I, cyano, N3, NO2, OH, alkoxy, cycloalkoxy, benzyloxy, phenoxy, alkylcarbonyloxy, etc.; or R2R3 = OCH2O; X = S, SO, SO2; Y = (CH2)p; p = 0-3; R5 = (fluorinated) alkyl, cycloalkyl, etc.; R6 = (substituted) alkyl, et.; R7 = H, (substituted) alkyl, cycloalkyl, etc.; R8 = (substituted) alkyl, cycloalkyl], were prepd for producing a drug for body weight loss of mammals. Thus, 5-chloro-2-fluoro-2-methanesulfonylindan-1-one (preparation given) in THF was dropwise treated with MeMgBr in Et2O followed by stirring for 3 h at 50°, further addition of MeMgBr, and stirring for 1h at room temperature to give 5-chloro-2-fluoro-2-methanesulfonyl-1-methylindan-1-ol. The latter at 30 mg/kg i.p. was applied in female NMRI mice and gave 25% reduction of milk consumption of the treated mice.

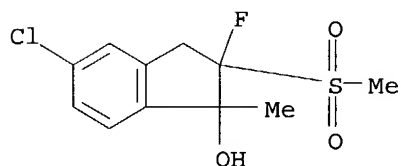
IT 501083-93-8P 501083-94-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of indanols for producing drugs for the prophylaxis or treatment of obesity)

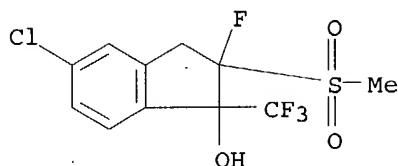
RN 501083-93-8 CAPLUS

CN 1H-Inden-1-ol, 5-chloro-2-fluoro-2,3-dihydro-1-methyl-2-(methylsulfonyl)- (9CI) (CA INDEX NAME)



RN 501083-94-9 CAPLUS

CN 1H-Inden-1-ol, 5-chloro-2-fluoro-2,3-dihydro-2-(methylsulfonyl)-1-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

=> file beilstein
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
10.39	169.56

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.39	-1.39

CA SUBSCRIBER PRICE

FILE 'BEILSTEIN' ENTERED AT 14:12:56 ON 27 APR 2004
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FILE RELOADED ON OCTOBER 20, 2002
FILE LAST UPDATED ON MARCH 30, 2004

FILE COVERS 1771 TO 2003.

*** FILE CONTAINS 8,932,479 SUBSTANCES ***

>>> PLEASE NOTE: Reaction data and substance data are stored in separate documents and can not be searched together in one query.

Reaction data for BEILSTEIN compounds may be displayed immediately with the display codes PRE (preparations) and REA (reactions). A substance answer set retrieved after the search for a chemical name, a molecular formula or a structure search for example can be restricted to compounds with available reaction information by concatenation with PRE/FA, REA/FA or more general with RX/FA. The BEILSTEIN Registry Number (BRN) is the link between a BEILSTEIN compound and belonging reactions. For more detailed reaction searches BRNs can be selected from substance answer sets and searched in the next step as reaction partner BRNs - Reactant (RX.RBRN) or Product BRN (RX.PBRN). After a search for reaction details substance documents associated with reactants or products may be retrieved by searching RX.PBRNs or RX.RBRNs as BRNs. <<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

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* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE *
* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE *
* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. *
* FOR PRICE INFORMATION SEE HELP COST *

=> d his

(FILE 'HOME' ENTERED AT 14:11:03 ON 27 APR 2004)

FILE 'REGISTRY' ENTERED AT 14:11:19 ON 27 APR 2004

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 2 S L1 FULL

FILE 'CAPLUS' ENTERED AT 14:12:01 ON 27 APR 2004

L4 2 S L3

FILE 'BEILSTEIN' ENTERED AT 14:12:56 ON 27 APR 2004

=> s l1 full

FULL SEARCH INITIATED 14:13:05 FILE 'BEILSTEIN'
FULL SCREEN SEARCH COMPLETED - 7570 TO ITERATE

71.7% PROCESSED 5426 ITERATIONS

0 ANSWERS

100.0% PROCESSED 7570 ITERATIONS
SEARCH TIME: 00.00.30

0 ANSWERS

L5 0 SEA SSS FUL L1